

# FY 2004 POLLUTION PREVENTION TARGETS

1-22-04

	ACTIVITIES	TARGET	UPDATE
1.	Replace large Iridite uses	Performance testing done	Order is being placed.
2.	Garnet Recycling	Complete installation, optimize performance & implement (investigate business-wide applications)	Nearly all parts available. Yod returning on 1-23.
3.	Life Cycle Assessment Tools	Determine and implement 2 applications - Refrigerants / chillers – ODCs - Uninterruptible Power Supply	Chillers - VRTX input only – nothing else new. UPS – No news. One man starting to look at LCA for UPS.
4.	Flywheel Universal Power Supply	Conduct study	Walt is receiving monthly updates.
5.	Reduction of chemicals at PBS	All 4 major facilities: a.) Assessed for excessive chemicals b.) Chemicals disposed or recycled	Inventory in progress for report.
6.	AP/EPP web site	Implement	Waiting for funding. White spoke to Higuchi – Sam wants a meeting in DC – wants clarification on structure. Likes Cleveland as a site.
7.	Real Time Monitoring pilot study at Lewis Field	Implement prototype unit	Waiting for funding.
8.	P2 Awareness site	Implement	Editing in progress.
9.	Implement AP/EPP at PBS	One training session / up on Web site	Dependent on web site being functional.
10.	Develop a SOLAR-based P2/Recycling training module	Make available	Dependent on web site being functional.
11.	Expand AP / EPP to 15 categories	15 categories posted	Ten categories posted in FY 03. Five others are in various states of completion.
12.	Lawn care chemical replacement	Study and contract language	Waiting for funding. Have alternate plans if we don't get funding.
13.	Develop AP/EPP language for contracts	Five contracts with language	Dependent on web site being functional.
14.	Contact cleaner replacement	Implement substitute	J. Hanzel will contact us once they order Tech Spray G3 as a replacement.
15.	Biodegradable Cafeteria supplies	Conduct study	Waiting for funding. Have alternate plans if we don't get funding.
16.	Convert GRC vehicles to CNG / E85/ other alternative fuels.	Conduct study	Need Todd's input.
17.	Icing Research Tunnel boot replacement	Conduct study	Acetone and Peerless 321 will be acquired for a test.
18.	Alternative power investigation	Conduct feasibility study	Q. Quach will negotiate with FE for alternative power use during end of Jan meeting.
19.	SPF at PBS	Conduct feasibility study	VRTX gave a presentation – their process uses 7 cycles vs 2-3 for chemicals, eliminates sludge, and hi-velocity rotation to collide molecules, & creating smaller calcium form to bring scale into solution.
20.	Study of low-strength mortar and flowable fill containing recycles	Develop guidance document	In very rough draft form.
21.	Replace 1,1,1-trichloroethane / machine shop chemicals	Issue report on replacement chemicals	3 of 4 successful.
22.	Create SAGE-like program to recommend alternates	Search tool available on net for GRC	CSU student has begun programming.
23.	Replace paint remover in Hangar.	Methylene chloride replaced	KSC will provide demo on laser technology.